



# **CA-NV AWWA Water Loss Technical Assistance Program**

Wave 4 Water Audit Level 1 Validation Document

Water System Name: Olivehurst Water System ID Number: 5810003

Water Audit Period: Calendar 2016

## Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

incorporate net storage volumes into the error adjustment. We are looking at increasing our residential meter testing program. methods to calibrate the raw water flow meters at all of our wells and provide volumetric testing of the meters as well. We will begin to Continue installation of water meters to flat rate services. We have approximately 500 left to convert. For data validity, we are looking at

### Certification Statement by Utility Executive

in their manual, Water Audits and Loss Control Programs, Manual M36, Fourth Edition and in the Free Water Audit Software version 5. Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water

John Tillotson

**Executive Name (Print)** 

**Executive Position** 

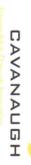
Interim General Manager

Signature

9/28/17

Date









### **CA-NV AWWA Water Loss Technical Assistance Program**

Wave 4 Water Audit Level 1 Validation Document

### **Audit Information:**

Utility: Olivehurst Public Utilities District

PWS ID: 5810003

System Type: Potable

Audit Period: Calendar 2016

Utility Representation: John Tillotson (Public Works Director)

Validation Date: 7/18/2017

Call Time: 9:00am

Sufficient Supporting Documents Provided: Yes

### **Validation Findings & Confirmation Statement:**

### **Key Audit Metrics:**

Data Validity Score: 52 Data Validity Band (Level): Band III (51-70)

LI: 4.34

Real Loss: 57.01 (gal/conn/day)

Apparent Loss: 7.95 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 6.2

### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. oxines

### Validator Information:

Water Audit Validator: Drew Blackwell / Larry Lewison (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss



